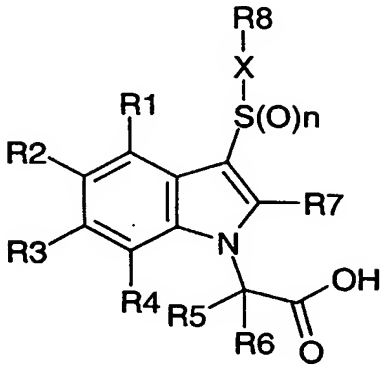
CLAIMS

1. A compound of general formula (I)



I

wherein

R^1, R^2, R^3 and R^4 are independently hydrogen, halo, C_1-C_6 alkyl, -O(C_1-C_6 alkyl), -$CON(R^9)_2$, -SOR^9, -SO_2R^9, -$SO_2N(R^9)_2$, -$N(R^9)_2$, -NR^9COR^9, -CO_2R^9, -COR^9, -SR^9, -OH, -NO_2 or -CN;

each R^9 is independently hydrogen or C_1-C_6 alkyl;

R^5 and R^6 are each independently hydrogen, or C_1-C_6 alkyl or together with the carbon atom to which they are attached form a C_3-C_7 cycloalkyl group;

R^7 is hydrogen or C_1-C_6 alkyl

n is 1 or 2;

X is a bond or, when n is 2, X may also be a NR^9 group;

wherein R^9 is as defined above;

when X is a bond R^8 is C_1-C_6 alkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, biphenyl or a 9-14 membered bicyclic or tricyclic heteroaryl group;

when X is a NR^9 group R^8 may additionally be phenyl, naphthyl or a 5-7 membered heteroaromatic ring; and

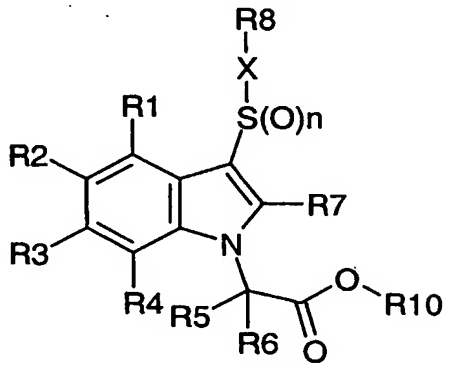
the R^8 group is optionally substituted with one or more substituents selected from halo, C_1-C_6 alkyl, -O(C_1-C_6)alkyl, aryl, -O-aryl, heteroaryl, -O-heteroaryl, -$CON(R^9)_2$, -SOR^9, -SO_2R^9, $SO_2N(R^9)_2$, -$N(R^9)_2$, -NR^9COR^9, -CO_2R^9, -COR^9, -SR^9,

-OH, -NO_2 or -CN;

wherein R^9 is as defined above;

or a pharmaceutically acceptable salt, hydrate, solvate, complex or prodrug thereof.

2. A compound of general formula (II):



II

wherein R^1, R^2, R^3, R^4, R^5 , R^6, n, X, R^7 and R^8 are as defined for general formula (I);

R^{10} is C_1-C_6 alkyl, aryl, $(CH_2)_mOC(=O)C_1$-C_6alkyl, $(CH_2)_mN(R^{11})_2$, $CH((CH_2)_mO(C=O)R^{12})_2$;

m is 1 or 2;

R^{11} is hydrogen or methyl;

R^{12} is C_1-C_{18} alkyl.

3. A compound as claimed in claim 1 or claim 2 wherein, independently or in any combination:

R^1 is halo or hydrogen;

R^2 is halo or hydrogen;

R^3 is halo or hydrogen;

R^4 is halo or hydrogen.

4. A compound as claimed in any one of claims 1 to 3 wherein R^1, R^3 and R^4 are hydrogen and R^2 is halo.

5. A compound as claimed in claim 4 wherein R^2 is fluoro.

6. A compound as claimed in any one of claims 1 to 5 wherein R^5 and R^6 are each independently hydrogen or C_1-C_4 alkyl.

7. A compound as claimed in claim 6 wherein at least one of R^5 and R^6 are hydrogen.

8. A compound as claimed in claim 7 wherein both R^5 and R^6 are hydrogen.

9. A compound as claimed in any one of claims 1 to 8 wherein R^7 is H or C_1-C_6 alkyl.

10. A compound as claimed in claim 9 wherein R^7 is methyl.

11. A compound as claimed in any one of claims 1 to 10 wherein n is 2.

12. A compound as claimed in any one of claims 1 to 11 wherein X is a bond and R^8 is C_1-C_6 alkyl, biphenyl or a bicyclic heteroaryl group, any of which may be substituted with halogen, phenyl, $-CO_2R^9$ $CON(R^9)_2$ or $-SO_2R^9$, where R^9 is as defined above.

13. A compound as claimed in claim 12 wherein R^8 is C_1-C_4 alkyl, biphenyl, a bicyclic heteroaryl group or a 5-7 membered heterocyclic ring, any of which may be substituted with phenyl, $-CO_2R^9$ $CON(R^9)_2$ or $-SO_2R^9$, where R^9 is H or C_1-C_4 alkyl.

14. A compound as claimed in any one of claims 1 to 11 wherein X is NR^9, R^9 is H or methyl and R^8 is:

phenyl optionally substituted with one or more halo, C_1-C_6 alkyl or $-O(C_1$-C_6 alkyl) groups;

C_1-C_6 alkyl, optionally substituted with aryl; or
heteroaryl.

15. A compound as claimed in claim 14, wherein R^8 is phenyl, benzyl or pyridyl, any of which may optionally be substituted with one or more halo, methyl or methoxy groups.

16. [3-(Butane-1-sulfonyl)-5-fluoro-2-methyl-indol-1-yl]-acetic acid
3-(Biphenyl-4-sulfonyl)-5-fluoro-2-methyl-indol-1-yl]-acetic acid
(3-Carboxymethanesulfonyl-5-fluoro-2-methyl-indol-1-yl)-acetic acid
(3-Carbamoylmethanesulfonyl-5-fluoro-2-methyl-indol-1-yl)-acetic acid
[5-Fluoro-3-(2-methanesulfonyl-ethanesulfonyl)-2-methyl-indol-1-yl]-acetic acid
[3-(Benzothiazole-2-sulfonyl)-5-fluoro-2-methyl-indol-1-yl]-acetic acid
[3-(Benzothiazole-2-sulfinyl)-5-fluoro-2-methyl-indol-1-yl]-acetic acid
[5-Fluoro-2-methyl-3-(quinoline-2-sulfonyl)-indol-1-yl]-acetic acid
[5-Fluoro-2-methyl-3-(quinolin-8-ylsulfonyl)-indol-1-yl]-acetic acid
(5-Fluoro-2-methyl-3-phenylmethanesulfonyl-1H-indol-1-yl)-acetic acid
[3-(4-Chloro-phenylsulfamoyl)-5-fluoro-2-methyl-indol-1-yl]-acetic acid
[3-(3-Chloro-phenylsulfamoyl)-5-fluoro-2-methyl-indol-1-yl]-acetic acid
[3-(4-Fluoro-phenylsulfamoyl)-5-fluoro-2-methyl-indol-1-yl]-acetic acid
[3-(2-Chloro-phenylsulfamoyl)-5-fluoro-2-methyl-indol-1-yl]-acetic acid
(3-Benzylsulfamoyl-5-fluoro-2-methyl-indol-1-yl)-acetic acid
[5-Fluoro-3-(2-methoxy-phenylsulfamoyl)-2-methyl-indol-1-yl]-acetic acid
[5-Fluoro-3-(4-methoxy-phenylsulfamoyl)-2-methyl-indol-1-yl]-acetic acid
(5-Fluoro-2-methyl-3-phenylsulfamoyl-indol-1-yl)-acetic acid
[3-(3,4-Dichloro-benzylsulfamoyl)-5-fluoro-2-methyl-indol-1-yl]-aceticacid
[5-Fluoro-3-(3-methoxy-phenylsulfamoyl)-2-methyl-indol-1-yl]-acetic acid
(5-Fluoro-2-methyl-3-*m*-tolylsulfamoyl-indol-1-yl)-acetic acid
(5-Fluoro-2-methyl-3-p-tolylsulfamoyl-indol-1-yl)-acetic acid
[3-(4-Chloro-benzylsulfamoyl)-5-fluoro-2-methyl-indol-1-yl]-acetic acid
[3-(Benzyl-methyl-sulfamoyl)-5-fluoro-2-methyl-indol-1-yl]-acetic acid

[5-Fluoro-2-methyl-3-(pyridin-3-ylsulfamoyl)-indol-1-yl]-acetic acid;

or the C_1-C_6 alkyl, aryl, $(CH_2)_mOC(=O)C_1$-C_6alkyl, $(CH_2)_mN(R^{11})_2$, $CH((CH_2)_mO(C=O)R^{12})_2$ esters of any of the above; wherein

m is 1 or 2;

R^{11} is hydrogen or methyl;

R^{12} is C_1-C_{18} alkyl.

17. A process for the preparation of a compound of general formula (I) as claimed in any one of claims 1 to 13 or 16 wherein n is 1 or 2 and X is a bond, the process comprising treating a compound of general formula (Ia), which is a compound of general formula (I) wherein n is 0 and X is a bond, by oxidation with a suitable oxidising agent.

18. A process for the preparation of a compound of general formula (I) as claimed in any one of claims 1 to 16, the process comprising reacting a compound of general formula (II) as defined in claim 2 and wherein R^{10} is C_1-C_6 alkyl with a base.

19. A compound as claimed in any one of claims 1 to 16 for use in medicine.

20. A compound for use in the treatment of allergic asthma, perennial allergic rhinitis, seasonal allergic rhinitis, atopic dermatitis, contact hypersensitivity (including contact dermatitis), conjunctivitis, especially allergic conjunctivitis, eosinophilic bronchitis, food allergies, eosinophilic gastroenteritis, inflammatory bowel disease, ulcerative colitis and Crohn's disease, mastocytosis, another PGD_2-mediated disease, for example autoimmune diseases such as hyper IgE syndrome and systemic lupus erythematus, psoriasis, acne, multiple sclerosis, allograft rejection, reperfusion injury and chronic obstructive pulmonary disease; or rheumatoid arthritis, psoriatic arthritis or osteoarthritis.

21. The use of a compound as claimed in any one of claims 1 to 16 in the preparation of an agent for the treatment or prevention allergic asthma, perennial

allergic rhinitis, seasonal allergic rhinitis, atopic dermatitis, contact hypersensitivity (including contact dermatitis), conjunctivitis, especially allergic conjunctivitis, eosinophilic bronchitis, food allergies, eosinophilic gastroenteritis, inflammatory bowel disease, ulcerative colitis and Crohn's disease, mastocytosis, another PGD_2-mediated disease, for example autoimmune diseases such as hyper IgE syndrome and systemic lupus erythematus, psoriasis, acne, multiple sclerosis, allograft rejection, reperfusion injury and chronic obstructive pulmonary disease; or rheumatoid arthritis, psoriatic arthritis or osteoarthritis.

22. A pharmaceutical composition comprising a compound as claimed in any one of claims 1 to 16 together with a pharmaceutical excipient or carrier.

23. A composition as claimed in claim 22 formulated oral, rectal, nasal, bronchial (inhaled), topical (including eye drops, buccal and sublingual), vaginal or parenteral (including subcutaneous, intramuscular, intravenous and intradermal) administration.

24. A composition as claimed in claim 23 formulated for oral, nasal, bronchial or topical administration.

25. A composition as claimed in any one of claims 22 to 24 containing one or more additional active agents useful in the treatment of diseases and conditions mediated by PGD_2 at the CRTH2 receptor.

26. A composition as claimed in claim 25, wherein the additional active agents are selected from:

β2 agonists such as salmeterol;

corticosteroids such as fluticasone;

antihistamines such as loratidine;

leukotriene antagonists such as montelukast;

anti-IgE antibody therapies such as omalizumab;

anti-infectives such as fusidic acid (particularly for the treatment of atopic

dermatitis);
anti-fungals such as clotrimazole (particularly for the treatment of atopic dermatitis);
immunosuppressants such as tacrolimus and particularly pimecrolimus in the case of inflammatory skin disease;
other antagonists of PGD_2 acting at other receptors such as DP antagonists;
inhibitors of phoshodiesterase type 4 such as cilonilast;
drugs that modulate cytokine production such as inhibitors of TNFα converting enzyme (TACE);
drugs that modulate the activity of Th2 cytokines IL-4 and IL-5 such as blocking monoclonal antibodies and soluble receptors;
PPAR-γ agonists such as rosiglitazone;
5-lipoxygenase inhibitors such as zileuton.

27. A process for the preparation of a pharmaceutical composition as claimed in any one of claims 22 to 26 comprising bringing a compound as claimed in any one of claims 1 to 16 in conjunction or association with a pharmaceutically or veterinarily acceptable carrier or vehicle.

28. A product comprising a compound as claimed in any one of claims 1 to 16 and one or more of the agents listed in claim 26 as a combined preparation for simultaneous, separate or sequential use in the treatment of a disease or condition mediated by the action of PGD_2 at the CRTH2 receptor.

29. The use as claimed in claim 21, wherein the agent also comprises an additional active agent useful for the treatment of diseases and conditions mediated by PGD_2 at the CRTH2 and/or DP receptor.

30. The use as claimed in claim 29, wherein the additional active agent is one of the agents listed in claim 26.